

FIG. 1A

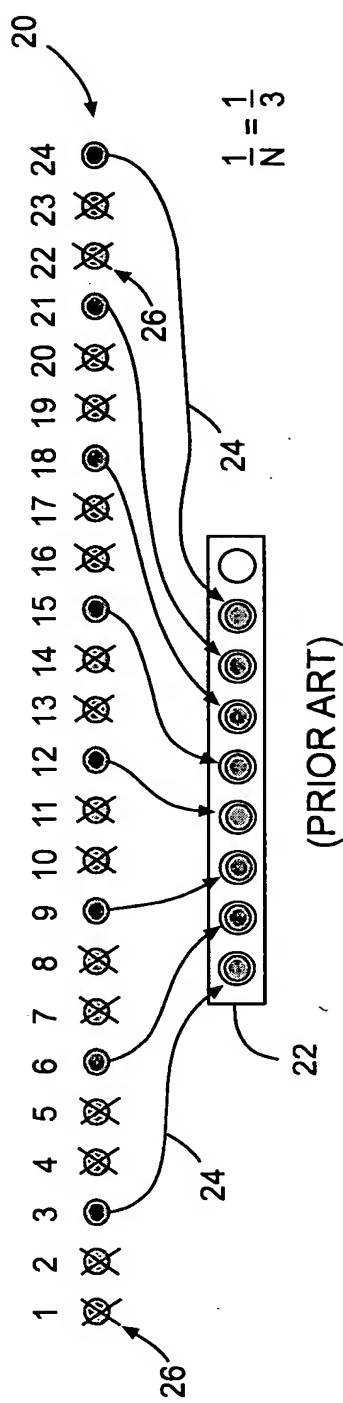


FIG. 1B

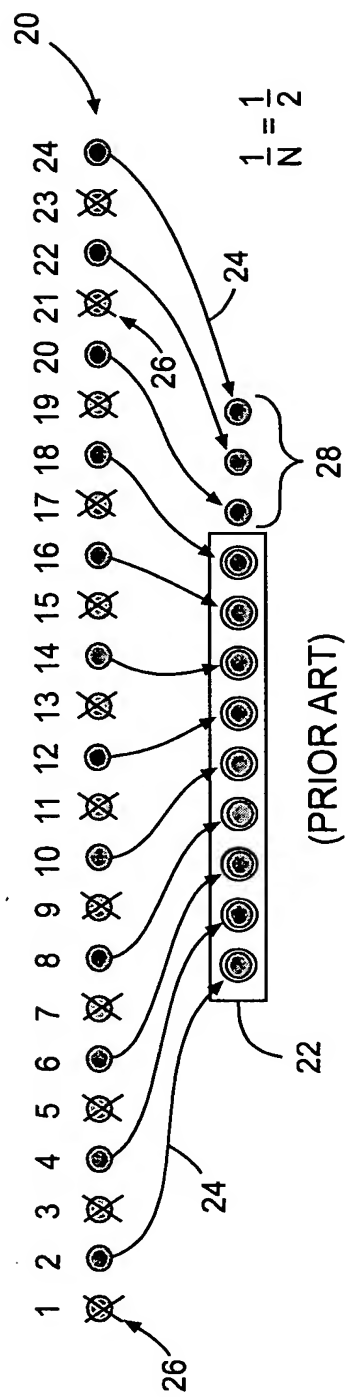
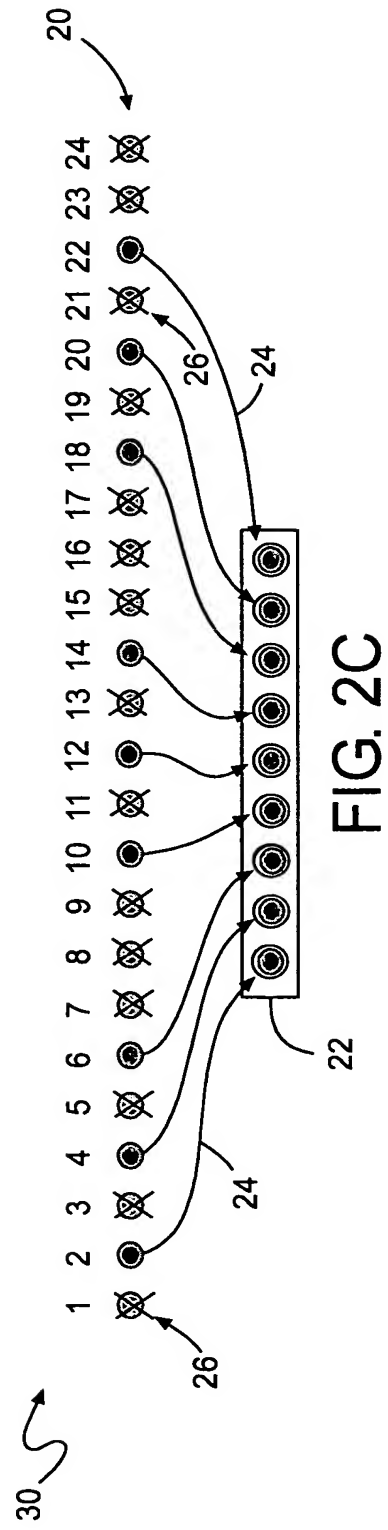
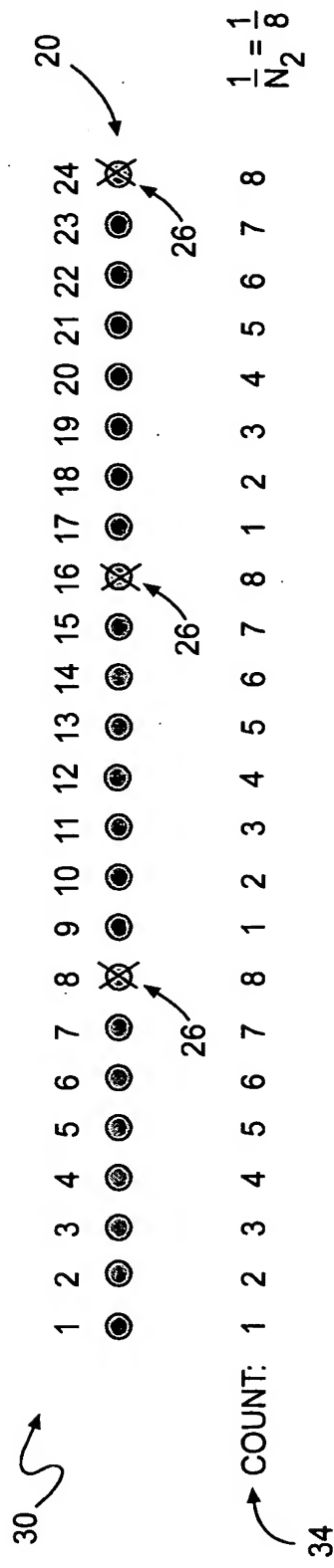
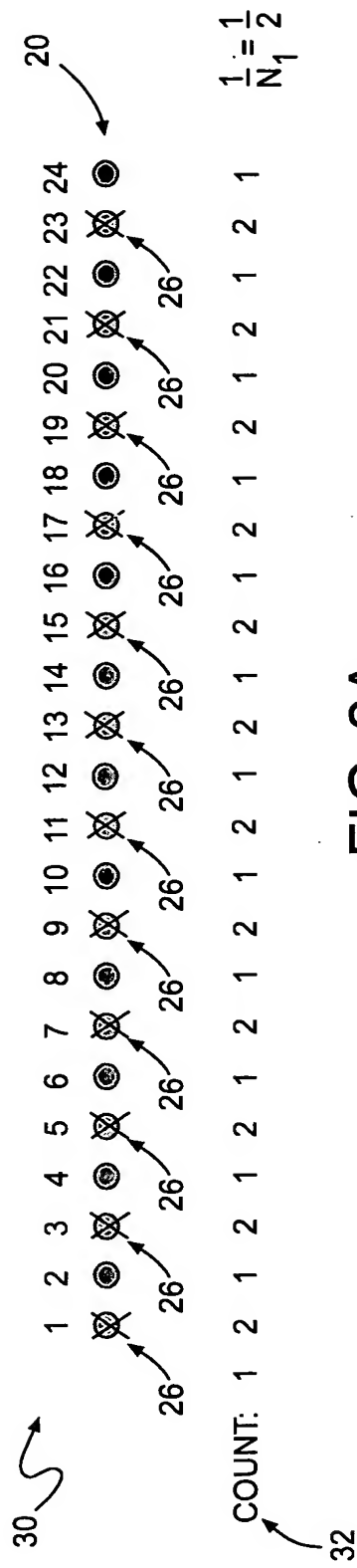


FIG. 1C



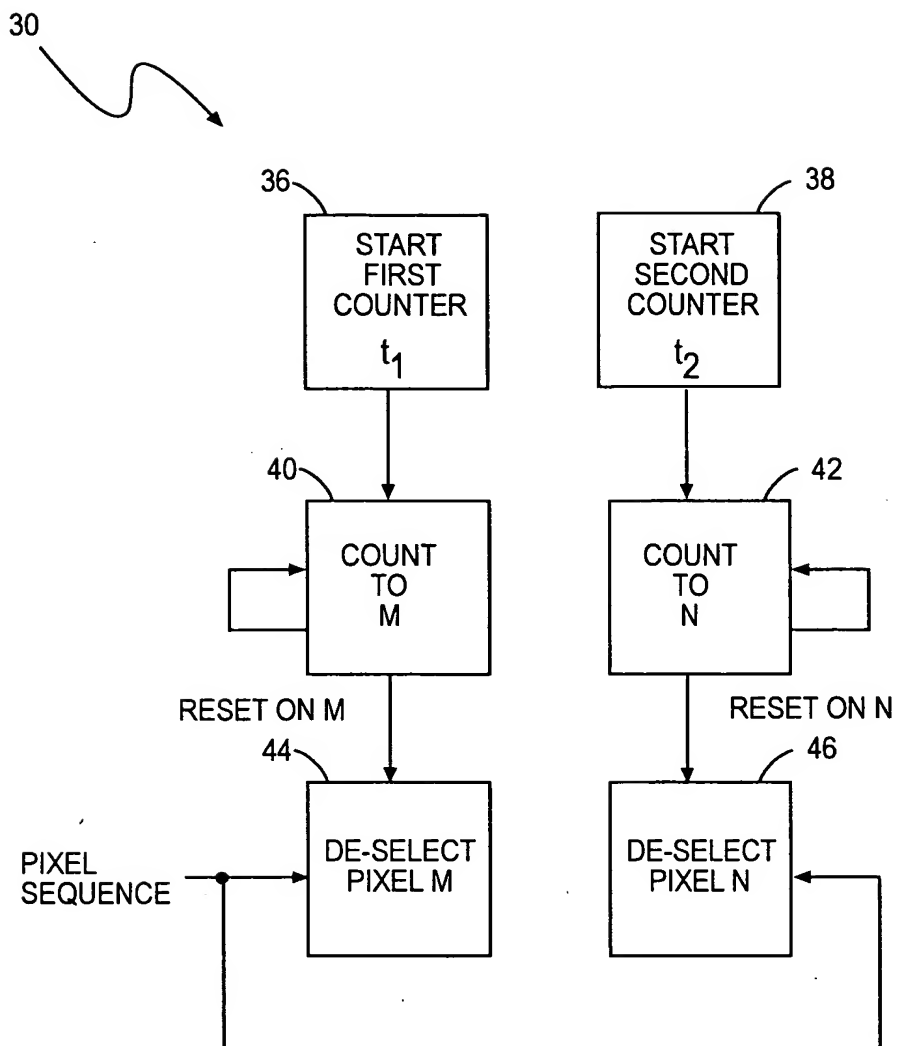


FIG. 3

50

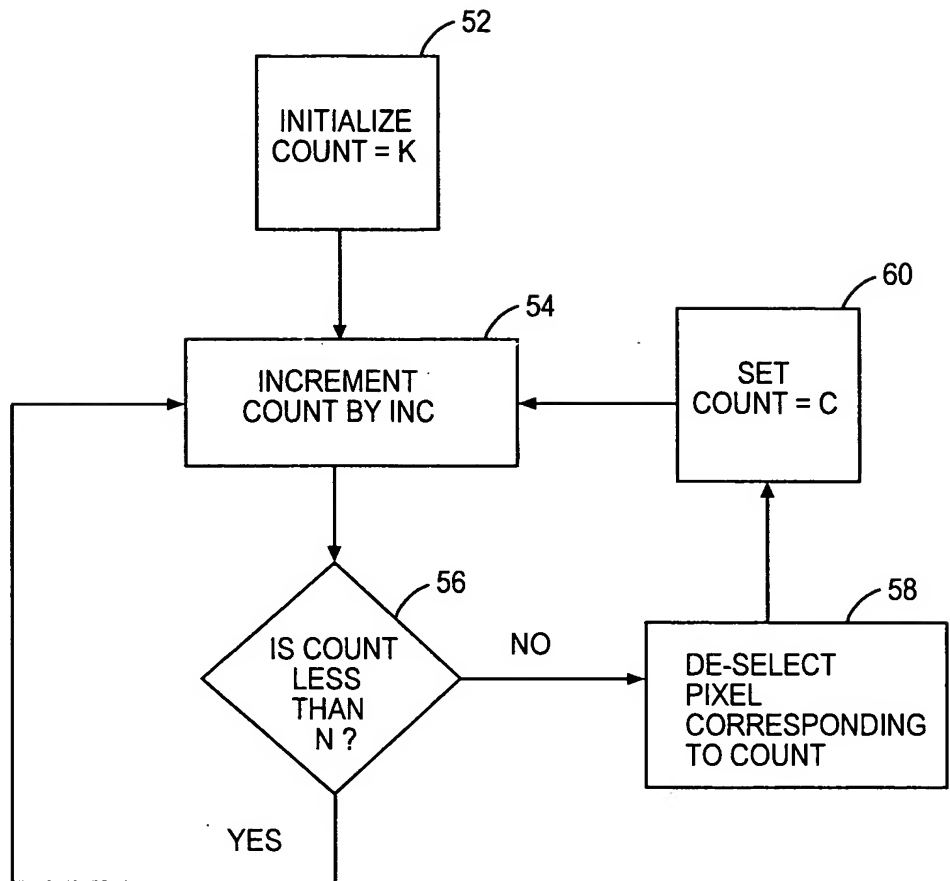


FIG. 4

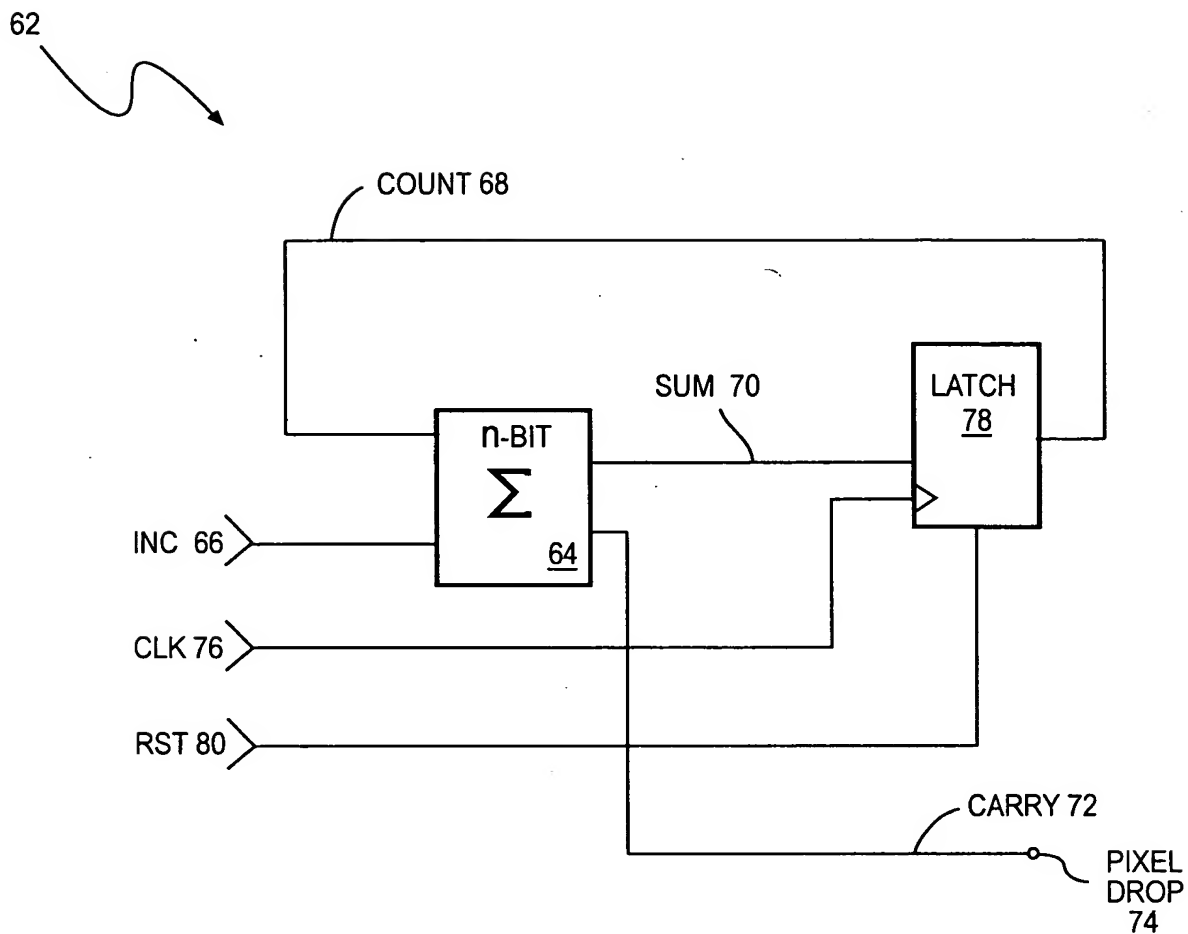


FIG. 5

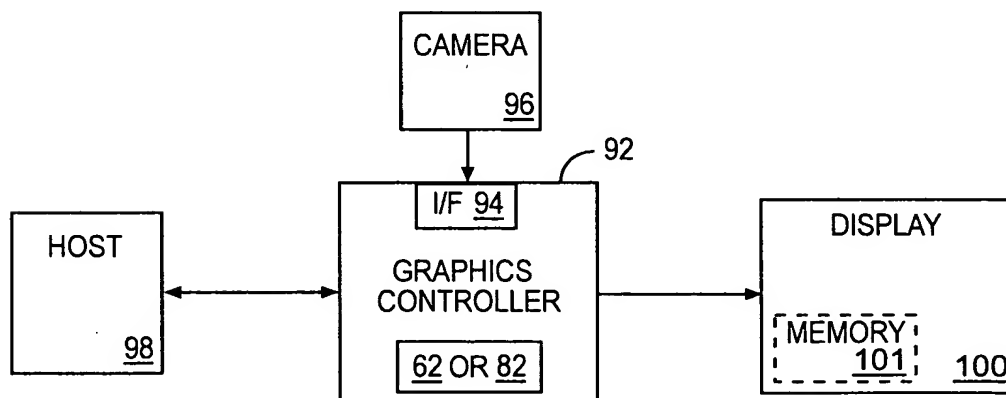


FIG. 9

| INC | CLK / PIXEL | | | | | | | | ... |
|-----|-------------|------|------|------|------|------|------|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 001 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | (8) | |
| 010 | 2 | 4 | 6 | (8) | 2 | 4 | 6 | (8) | |
| 011 | 3 | 6 | (9) | 4 | 7 | (10) | 5 | (8) | |
| 100 | 4 | (8) | 4 | (8) | 4 | (8) | 4 | (8) | |
| 101 | 5 | (10) | 7 | (12) | 9 | 6 | (11) | (8) | |
| 110 | 6 | (12) | (10) | (8) | (6) | (12) | 10 | (8) | |
| 111 | 7 | (14) | (13) | (12) | (11) | (10) | (9) | (8) | |

FIG. 6A

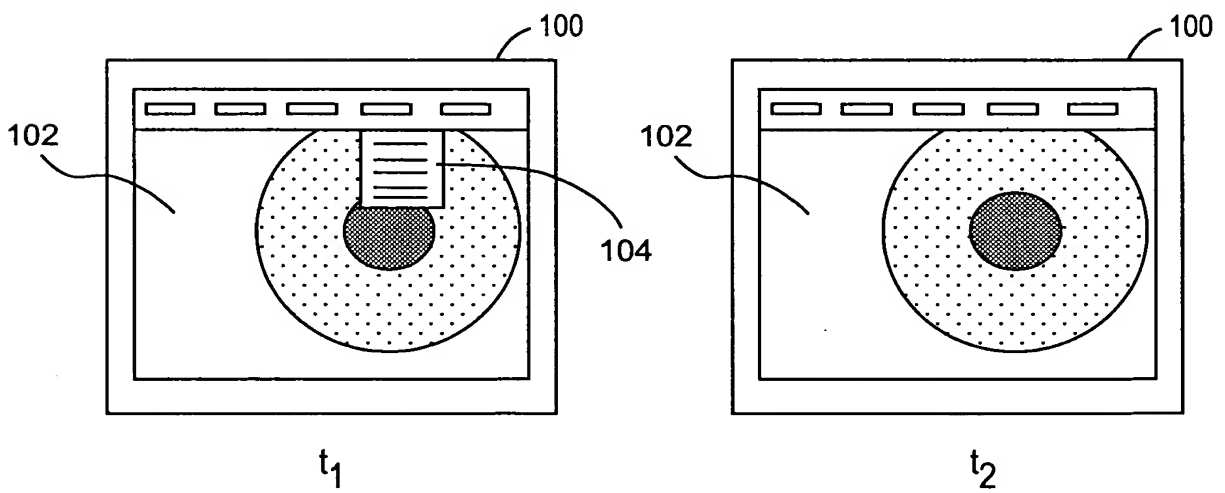


FIG. 10

| INC | CLK / PIXEL | | | | | | | | ... |
|-----|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | |
| 001 | 001 | 010 | 011 | 100 | 101 | 110 | 111 | 000 | |
| 010 | 010 | 100 | 110 | 000 | 010 | 100 | 110 | 000 | |
| 011 | 011 | 110 | 001 | 100 | 111 | 010 | 101 | 000 | |
| 100 | 100 | 000 | 100 | 000 | 100 | 000 | 100 | 000 | |
| 101 | 101 | 010 | 000 | 100 | 001 | 110 | 011 | 000 | |
| 110 | 110 | 100 | 010 | 000 | 110 | 100 | 010 | 000 | |
| 111 | 111 | 110 | 101 | 100 | 011 | 010 | 001 | 000 | |

FIG. 6B

| INC | CLK / PIXEL | | | | | | | | ... |
|-----|-------------|---|---|---|---|---|---|---|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 000 | | | | | | | | | |
| 001 | | | | | | | | C | |
| 010 | | | | C | | | | C | |
| 011 | | | C | | | C | | C | |
| 100 | | C | | C | | C | | C | |
| 101 | | C | | C | | | C | C | |
| 110 | | C | C | C | C | C | | C | |
| 111 | | C | C | C | C | C | C | C | |

FIG. 6C

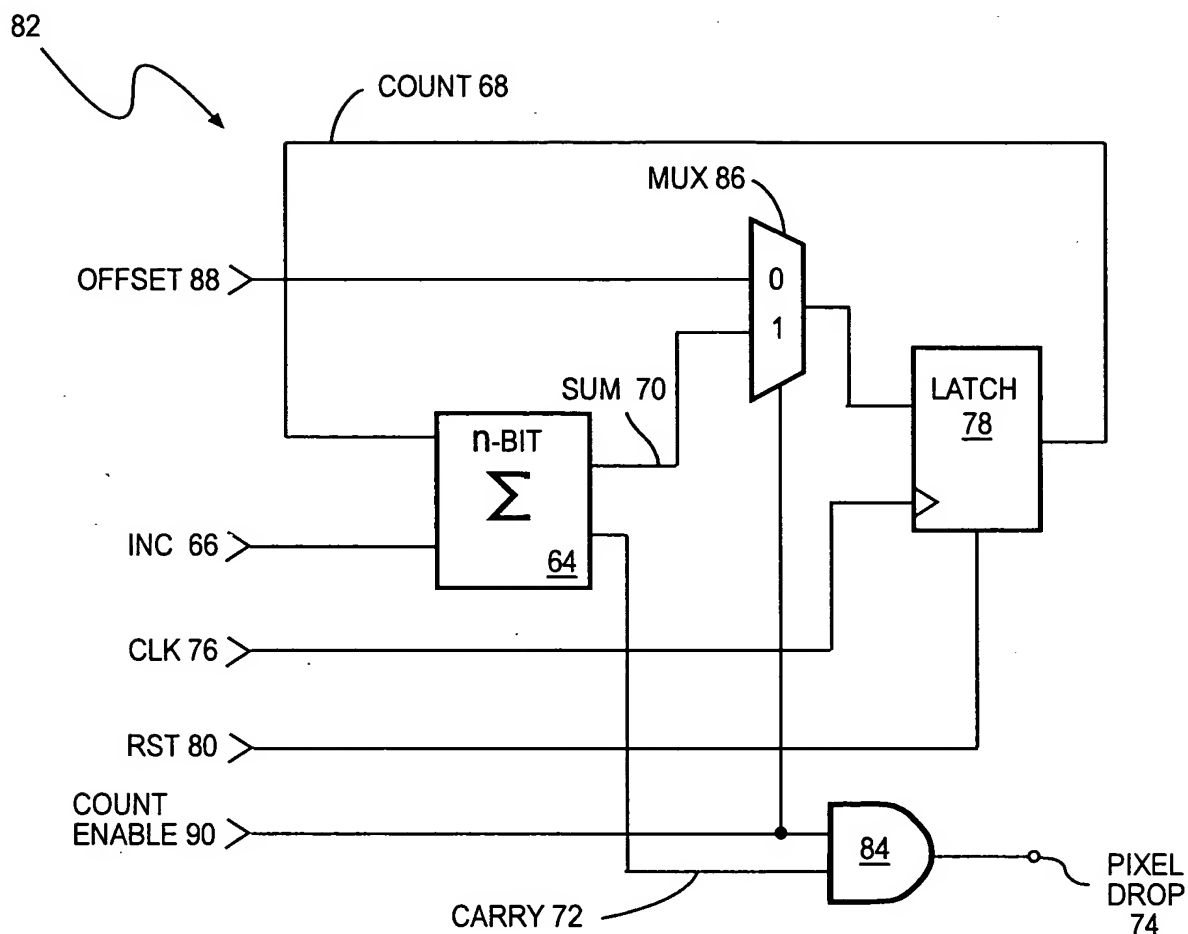


FIG. 7

CLK / PIXEL

| INC | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----|---|---|------|---|-----|---|---|-----|
| 011 | 4 | 7 | (10) | 5 | (8) | 3 | 6 | (9) |

OFFSET = 1

FIG. 8

